ABSTRACT OF THE DISCLOSURE

5 METHOD AND SYSTEM FOR CACHING FRAGMENTS WHILE
AVOIDING PARSING OF PAGES THAT DO NOT CONTAIN FRAGMENTS

A method, a system, an apparatus, and a computer
program product are presented for a fragment caching
10 methodology. After a message is received at a computing
device that contains a cache management unit, a fragment
in the message body of the message is cached. Subsequent
requests for the fragment at the cache management unit
result in a cache hit. A FRAGMENTLINK tag is used to
15 specify the location in a fragment for an included or
linked fragment which is to be inserted into the fragment
during fragment or page assembly or page rendering. If a
FRAGMENTLINK tag is present within the message body of a
message, then the FRAGMENT message header for the message
20 may indicate the presence of the FRAGMENTLINK tag with a
directive for the FRAGMENT message header, e.g., using a
"contains-fragment" directive.